

Fig. 1

RAW MATERIAL - POWDER COAL
BY-PRODUCT IN MINING OPERATIONS

BY-PRODUCT #3 - PROCESS GASES
TO BE STORED FOR PEAK POWER NEEDS

12
EXISTING MINE

33

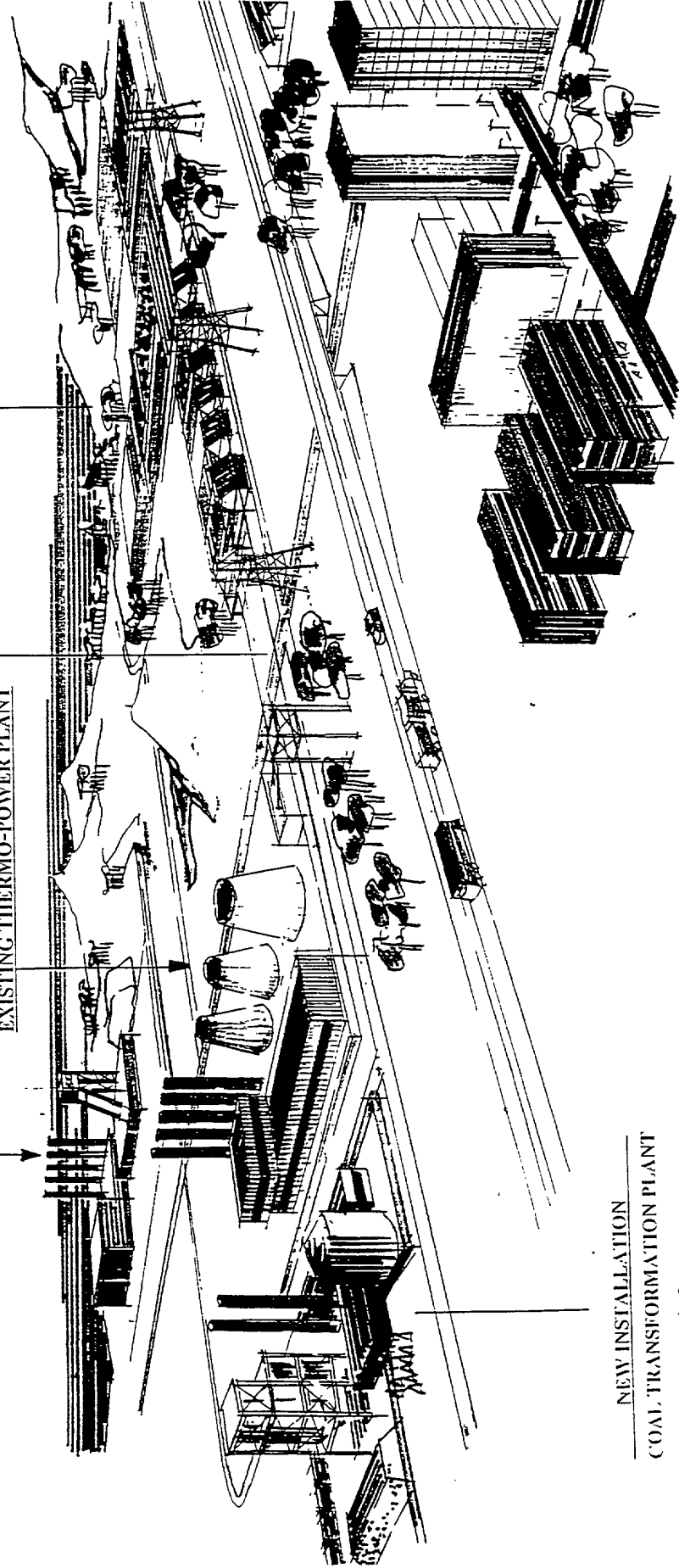
EXISTING THERMO-POWER PLANT

BY-PRODUCT #2 - STEAM
TO BE USED IN GREENHOUSES

NEW INSTALLATION
COAL TRANSFORMATION PLANT

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CLEAN COAL #1
TO BE USED FOR HEATING



PROCESSING GAS

PRELIMINARY DUST REMOVING FROM PROCES GAS

DISCHARGE CYCLONE

BAKING COAL

POWER COAL

HORIZONTAL MIXER

VERTICAL MIXER

ROLL PRESS

PYROLYSIS REACTOR

AIR

BRIQUETTES CONDITIONING

SMOKELESS FUEL

MASS OF BRIQUETTE
60 - 120 g

TECHNOLOGY OF SMOKLESS FUEL IChPW